

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date :	Step #:	QTY Effective :		MRB (QS1042) Approval																	
Description Work Order Deviation			Disposition																		
			Completed By																		
			Lead hand / Supervisor Approval Verification																		
			QC / QA Coordinator Approval																		
Root Cause		FAULT CATEGORY																			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐																
OTHER : ☐																					

Picklist Print

Page 1

Thursday, September 03, 2015 8:08:53 AM

Work Order ID: 136595

136595

Parent Item: 646.9502

646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/17/2015

Required Date: 9/24/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.08.28 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
646.9601		Manufactured	No			110	Each	16.0000	1	1			
646 9601	DAS 38 9-89								**			DAS 27 9-89	DAS 02 9-89
Upper Cutter Assy													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				cck039				16					
				110249				1					
				117062				6					
				124734				3					
				128183				6					
646.9603		Manufactured	No			110	Each	5.0000	1	1			
646 9603	DAS 38 9-89								**			DAS 27 9-89	DAS 02 9-89
Lower Cutter Assy Low													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				CCK036				5					
				116773				1					
				124735				4					
646.9810		Manufactured	No			110	Each	5.0000	1	1			
646 9810	DAS 38 9-89								**			DAS 27 9-89	DAS 02 9-89
Deflector													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				CCK031				5					
				125214				5					

OCT 06 2015

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Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : ☐			

Thursday, September 03, 2015 8:08:53 AM

136595

646.9502

Required Date: 9/24/2015

Required Qty: 1.00

1

DAS
38
9-89

AS
27
9-89

DAS
02
9-89

Loc Code

2

21

E

1

DAS
38
9-89

AS
27
9-89

DAS
02
9-89

Loc Code

14

12

2

2

DAS
38
9-89

AS
27
9-89

DAS
02
9-89

Loc Code

31

6

10

8

6

1

4

38
9-89

AS
27
9-89

DAS
02
9-89

Loc Code

72

72

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646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/17/2015

Required Date: 9/24/2015

Start Qty: 1.00

Required Qty: 1.00

647.0112 Manufactured No

110 Each 165.0000 8 8

647 0112

Strut Bracket

DAS
38
9-89

**

DAS
27
9-89

DAS
02
9-89

Location

Loc Qty

Loc Code

CCK109

165

112215

10

122245

5

122871

36

123318

22

M130388

92

647.0113 Manufactured No

110 Each 16.0000 2 2

647 0113

Strut Doubler

DAS
38
9-89

**

DAS
27
9-89

DAS
02
9-89

Location

Loc Qty

Loc Code

CCK088

16

117071

6

117864

10

647.0111 Manufactured No

110 Each 18.0000 1 1

647 0111

Panel

DAS
38
9-89

**

DAS
27
9-89

DAS
02
9-89

Location

Loc Qty

Loc Code

CCK088

18

116830

13

126233

5

647.0116 Manufactured No

110 Each 47.0000 2 2

647 0116

Doubler

DAS
38
9-89

**

DAS
27
9-89

DAS
02
9-89

Location

Loc Qty

Loc Code

cck105

47

123001

17

126234

20

m126249

10

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646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/17/2015

Required Date: 9/24/2015

Start Qty: 1.00

Required Qty: 1.00

647.0410 Manufactured No

647 0410

Tube

DAS
38
9-89

110 Each 8.0000 1 1

**

DAS
27
9-89

DAS
02
9-89

Location

Loc Qty

Loc Code

cck105

8

125395

2

127917

4

135596

2

647.0114 Manufactured No

647 0114

Clip

DAS
38
9-89

110 Each 60.0000 1 1

**

DAS
27
9-89

DAS
02
9-89

Location

Loc Qty

Loc Code

cck105

60

106616

60

647.0115 Manufactured No

647 0115

Clip

DAS
38
9-89

110 Each 75.0000 1 1

**

DAS
27
9-89

DAS
02
9-89

Location

Loc Qty

Loc Code

cck105

75

106617

75

NAS1149FN832P Purchased No

NAS1149FN832P

Washer

DAS
38
9-89

110 Each 2,336.000 111 111

**

DAS
27
9-89

DAS
02
9-89

Location

Loc Qty

Loc Code

ST260a

1415

125268

1415

st268

921

M130388

921

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Root Cause				FAULT CATEGORY																																																																					
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OTHER : ☐																																																																									

Picklist Print

Thursday, September 03, 2015 8:08:53 AM

Work Order ID: 136595

136595

Parent Item: 646.9502

646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/17/2015

Required Date: 9/24/2015

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0332P

Purchased

No

110

Each

1,499.000

62

62

DAS

27

9-89

DAS

02

9-89

NAS1149F0332P

DAS

38

9-89

Washer

Location

Loc Qty

Loc Code

GA

210

122063

210

ST260a

1196

m128401

6

m131026

80

m131697

110

m133077

1000

st268

93

123900

7

m130388

86

AN3-11A

Purchased

No

110

Each

114.0000

8

8

**

AN3-11A

DAS
38
9-89

Bolt

Location

Loc Qty

Loc Code

ST338a

114

m125709

14

m132823

100

MS21042-3

MS21042L3

Purchased

No

110

Each

549.0000

17

17

**

MS21042-3

DAS
38
9-89

Nut / use MS21042L3

Location

Loc Qty

Loc Code

CA

501

M129682

501

ST305

48

M128770

10

M129541

15

M130388

23

DAS

27

9-89

DAS

02

9-89

OCT 06 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

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Thursday, September 03, 2015 8:08:53 AM

Work Order ID: 136595

136595

Parent Item: 646.9502

646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/17/2015

Required Date: 9/24/2015

Start Qty: 1.00

Required Qty: 1.00

CCR264SS-3-06

Purchased

No

110

Each

93.0000

8

8

CCR264SS-3-06

DAS

38

9-89

Rivet

**

DAS

27

9-89

DAS

02

9-89

Location

Loc Qty

Loc Code

ST321

93

m131317

93

8

MS21059L08

Purchased

No

110

Each

274.0000

4

4

MS21059L08

DAS

38

9-89

Nut

**

DAS

27

9-89

DAS

02

9-89

Location

Loc Qty

Loc Code

MF4

66

125654

66

ST260a

200

m131697

200

ST302

8

m131624

8

4

CR3213-4-05

Purchased

No

110

Each

147.0000

26

26

CR3213-4-05

DAS

38

9-89

RIVET

**

DAS

27

9-89

DAS

02

9-89

Location

Loc Qty

Loc Code

ST319

147

123301

45

m129764

4

m131340

98

m130388

1

15

OCT 06 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

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Thursday, September 03, 2015 8:08:53 AM

Work Order ID: 136595

136595

Parent Item: 646.9502

646.9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/17/2015

Required Date: 9/24/2015

Start Qty: 1.00

Required Qty: 1.00

CR3213-4-6	Purchased	No	110	Each	546.0000	20	20		
CR3213-4-6	DAS							**	
Rivet	38								
	9-89								

Location	Loc Qty	Loc Code
CCK004	400	
M131800	400	
ST319	146	
M128429	95	
M130388	51	

CR3213-4-4	Purchased	No	110	Each	648.0000	19	19		
CR3213-4-4	DAS							**	
Rivet, Cherry	38								
	9-89								

Location	Loc Qty	Loc Code
CCK004	600	
126282	500	
M128813	100	
ST319	48	
M130388	48	

CR3213-4-2	Purchased	No	110	Each	481.0000	18	18		
CR3213-4-2	DAS							**	
Cherry Rivet	38								
	9-89								

Location	Loc Qty	Loc Code
CCK004	12	
m130388	12	
ST319	469	
m131340	469	

OCT 06 2015

Thursday, September 03, 2015 8:08:53 AM

Shop Packet Print

Page 7

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date: _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

Page 8

Thursday, September 03, 2015 8:08:53 AM

Work Order ID: 136595

136595

Parent Item: 646.9502

646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/17/2015

Required Date: 9/24/2015

Start Qty: 1.00

Required Qty: 1.00

CR3213-4-3	Purchased	No	110	Each	513.0000	18	18			
CR3213-4-3								**		
Rivet, Cherry									DAS	02
									27	9-89
									9-89	

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
CA	7	
123301	7	
CCK004	306	
123301	134	
m129541	100	
m130388	72	
ST318	200	
m131340	200	

18

MS21047-3	Purchased	No	110	Each	73.0000	6	6			
MS21047-3								**		
Nut Plate									DAS	02
									27	9-89
									9-89	

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST273A	50	
m133031	50	
ST303	23	
m130388	8	
m132763	15	

m133134

MS21042-08	Purchased	No	110	Each	33.0000	54	54			
MS21042-08								**		
USE MS21042L08									DAS	02
									27	9-89
									9-89	

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST304	25	
122815	25	
ST306	8	
m130388	8	

m132930

OCT 06 2015

Thursday, September 03, 2015 8:08:53 AM

Shop Packet Print

Page 8

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Picklist Print

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Thursday, September 03, 2015 8:08:54 AM

Work Order ID: 136595

136595

Parent Item: 646.9502

646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/17/2015

Required Date: 9/24/2015

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-13

Purchased

No

110

Each

406.0000

6

6

MS27039-08-13

DAS

38

9-89

Screw

DAS

27

9-89

DAS

02

9-89

Location

Loc Qty

Loc Code

ST273A

346

124326

346

ST281

60

4067

56

M130388

4

6

MS21059-3

Purchased

No

110

Each

557.0000

2

2

MS21059-3

DAS

38

9-89

Nut Plate

DAS

27

9-89

DAS

02

9-89

Location

Loc Qty

Loc Code

CA

6

123301

6

ST302

551

123023

50

123185

1

123900

500

2

AN743-13

Purchased

No

110

Each

45.0000

1

1

AN743-13

DAS

38

9-89

Bracket

DAS

27

9-89

DAS

02

9-89

Location

Loc Qty

Loc Code

ST330

45

M129732

45

1

OCT 06 2015

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

Thursday, September 03, 2015 8:08:54 AM

Work Order ID: 136595

136595

Parent Item: 646.9502

646.9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/17/2015

Required Date: 9/24/2015

Start Qty: 1.00

Required Qty: 1.00

AN3-3A Purchased No

110 Each 285.0000 1 1

AN3-3A

DAS
38
9-89

**

DAS
27
9-89

DAS
02
9-89

Bolt

Location

Loc Qty

Loc Code

ST338a

200

m131624

200

ST350

85

m132317

85

CCR264SS3-04

Purchased No

110 Each 783.0000 12 12

CCR264SS3-04

DAS
38
9-89

**

DAS
27
9-89

DAS
02
9-89

Rivet

Location

Loc Qty

Loc Code

CCK004

590

123785

400

m129702

190

ST321

193

123352

193

CR3212-5-4

DAS
38
9-89

Purchased No

110 Each 27.0000 8 8

CR3212-5-4

**

DAS
27
9-89

DAS
02
9-89

Cherry Rivet

Location

Loc Qty

Loc Code

ST320

27

120410

27

CCR264SS3-2

CCR264SS3-02

Purchased No

110 Each 0.0000 4 4

CCR264SS3-2

DAS
38
9-89

**

DAS
27
9-89

DAS
02
9-89

Rivet, Cherry

m132317

OCT 06 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

Thursday, September 03, 2015 8:08:54 AM

Work Order ID: 136595

136595

Parent Item: 646.9502

646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/17/2015

Required Date: 9/24/2015

Start Qty: 1.00

Required Qty: 1.00

NAS1835-08

Purchased

No

110

Each

80.0000

4

4

NAS1835-08

DAS
38
9-89

**

DAS
27
9-89

DAS
02
9-89

Insert

Location

Loc Qty

Loc Code

ST265

80

m128770
m129913

20
60

4

CR3213-4-1

Purchased

No

110

Each

134.0000

14

14

CR3213-4-1

DAS
38
9-89

**

DAS
27
9-89

DAS
02
9-89

Cherry Rivet

Location

Loc Qty

Loc Code

ST320

134

m126254
m131340

34
100

14

MS27039-1-08

Purchased

No

110

Each

640.0000

5

5

MS27039-1-08

DAS
38
9-89

**

DAS
27
9-89

DAS
02
9-89

Screw

Location

Loc Qty

Loc Code

CA

96

m128636

96

FP001

355

m128636

355

GA

2

125654

2

ST285

187

m128636

187

3

OCT 6 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

Thursday, September 03, 2015 8:08:54 AM

Work Order ID: 136595

136595

Parent Item: 646.9502

646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/17/2015

Required Date: 9/24/2015

Start Qty: 1.00

Required Qty: 1.00

647.1210 Manufactured No

110 Each 11.0000 1 1

647 1210 DAS
Screen 38
9-89

**

DAS
27
9-89
DAS
02
9-89

Location	Loc Qty	Loc Code
CCK106	11	
112398	3	
126236	8	

MS35842-11 Purchased No

110 Each 10.0000 1 1

MS35842-11 DAS
Hose Clamp 38
9-89

**

DAS
27
9-89
DAS
02
9-89

Location	Loc Qty	Loc Code
ST274	10	
m130238	10	

MS27039-08-11 Purchased No

110 Each 158.0000 43 43

MS27039-08-11 DAS
SCREW 38
9-89

**

DAS
27
9-89
DAS
02
9-89

Location	Loc Qty	Loc Code
ST282	158	
m130358	158	

MS27039-08-06 Purchased No

110 Each 168.0000 4 4

MS27039-08-06 DAS
Screw 38
9-89

**

Location	Loc Qty	Loc Code
ST282	168	
125646	45	
m126249	123	

DAS
27
9-89
DAS
02
9-89
OCT 6 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

Thursday, September 03, 2015 8:08:54 AM

Work Order ID: 136595

136595

Parent Item: 646.9502

646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/17/2015

Required Date: 9/24/2015

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-09

Purchased

No

110

Each

98.0000

4

4

MS27039-08-09

DAS

38

9-89

**

DAS

27

9-89

DAS

02

9-89

Screw

Location

Loc Qty

Loc Code

ST282

98

m127904

10

m131317

88

MS27039-08-12

Purchased

No

110

Each

170.0000

2

2

MS27039-08-12

DAS

38

9-89

**

DAS

27

9-89

DAS

02

9-89

Screw

Location

Loc Qty

Loc Code

ST273A

61

123352

61

ST273B

100

124326

100

ST281

9

123900

2

1850

7

MS27039-1-11

Purchased

No

110

Each

356.0000

5

5

MS27039-1-11

DAS

38

9-89

**

DAS

27

9-89

DAS

02

9-89

Screw

Location

Loc Qty

Loc Code

CA

253

124326

253

GA

25

125654

13

9662

12

ST285

78

m131317

78

OCT 6 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																										
Description Work Order Deviation				Disposition				Completed By																																																									
								Lead hand / Supervisor Approval Verification																																																									
								QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Thursday, September 03, 2015 8:08:54 AM

Work Order ID: 136595

136595

Parent Item: 646.9502

646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/17/2015

Required Date: 9/24/2015

Start Qty: 1.00

Required Qty: 1.00

CR3212-4-4 ^{DAS} Purchased No

110 Each 0.0000 1 1

CR3212-4-4 ^{DAS} ³⁸ ⁹⁻⁸⁹

m13237 **

^{DAS} ²⁷ ⁹⁻⁸⁹

^{DAS} ⁰² ⁹⁻⁸⁹

CHERRY RIVET

MS24694-S8 Purchased No

110 Each 88.0000 5 5

MS24694-S8 ^{DAS} ³⁸ ⁹⁻⁸⁹
Screw

**

^{DAS} ²⁷ ⁹⁻⁸⁹

^{DAS} ⁰² ⁹⁻⁸⁹

Location

Loc Qty

Loc Code

ST290

88

123352

1

M129909

87

AN3-10A ^{DAS} Purchased No

110 Each 176.0000 8 8

AN3-10A ^{DAS} ³⁸ ⁹⁻⁸⁹
Bolt

**

^{DAS} ²⁷ ⁹⁻⁸⁹

^{DAS} ⁰² ⁹⁻⁸⁹

Location

Loc Qty

Loc Code

GA

8

m132317

8

ST338a

100

m132763

100

ST349

68

m132317

18

m133064

50

600.0990 Purchased No

110 Each 47.0000 1 1

600 0990

MAGNABOND 6398 PART A

^{DAS} ³⁸ ⁹⁻⁸⁹

**

^{DAS} ²⁷ ⁹⁻⁸⁹

^{DAS} ⁰² ⁹⁻⁸⁹

Location

Loc Qty

Loc Code

CA2

26

M131589

26

2/11/2016

PKG

21

M129818

21

7/16/2015

OCT 6 2015

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Picklist Print

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Thursday, September 03, 2015 8:08:54 AM

Work Order ID: 136595

136595

Parent Item: 646.9502

646 9502

Parent Item Name: 206A / B / L Cable Cutter System, Low

Start Date: 9/17/2015

Required Date: 9/24/2015

Start Qty: 1.00

Required Qty: 1.00

600.0991

Purchased

No

110

Each

47.0000

1

1

600 0991

MAGNOBOND 6398 PART B

DAS
38
9-89

DAS
27
9-89

DAS
02
9-89

Location

Loc Qty

Loc Code

CA2

27

m131589

27

2/11/2016

PKG

20

M129818

20

7/16/2015

600.1012

Purchased

No

110

Each

16.0000

1

1

600 1012

Sealant PR1425B2 (#654 sem)

DAS
38
9-89

DAS
27
9-89

DAS
02
9-89

OCT 06 2015

Location

Loc Qty

Loc Code

cck017

14

m132805

14

cck018

2

m129749

1

m131364

1

10/30/2015

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Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

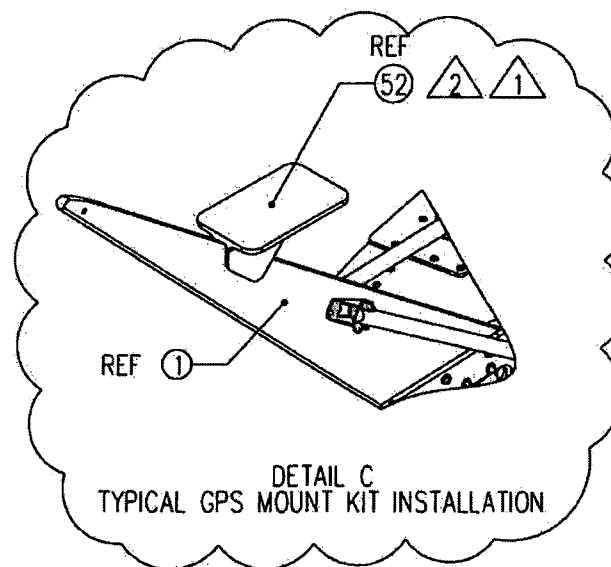
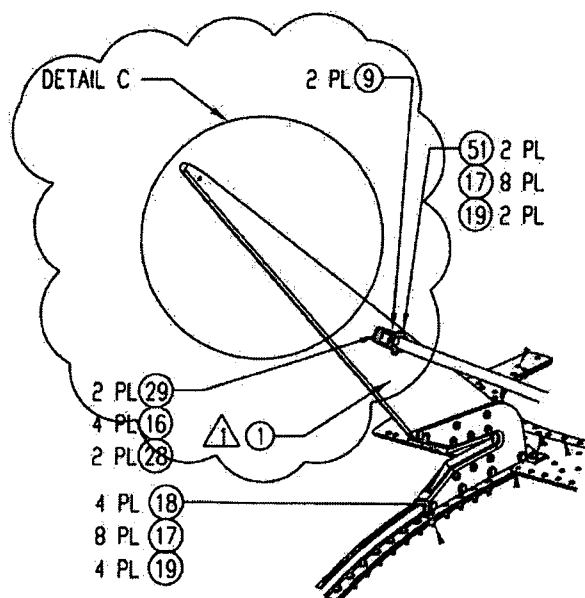
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03047				SHEET 1 OF 1	
	DWG NO. 646.9500	REV: NC	PREPARED BY J. JACKSON	DATE: 01/24/11	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: 206 CABLE CUTTERS KIT					
APPROVED BY: ENGR <i>[Signature]</i>		MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: ADDED GPS MOUNT KIT, F/N 52. REVISED DRAWING VIEWS. ADDED NOTE <u>2</u> .				

SHEET 1, ZONE B1 IS:

2 AT CUSTOMERS OPTION, INSTALL F/N 52 BY MATCH DRILLING ONTO F/N 1.

SHEET 2, ZONE A3 IS:

SHEET 2, ZONE B2 IS:



136595 MLC
1509-04

52	A	647.5701	REF	REF	GPS MOUNT KIT	<u>2</u>	
F/N	TC	PART NUMBER	.9502	.9501	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:			☐ MDL ☐ INSTALL INSTRUC ☐ ICA ☒ BOM			CHANGE CATEGORY	DER REVIEW REQUIRED
						☐ MAJOR ☒ MINOR	☐ YES ☒ NO

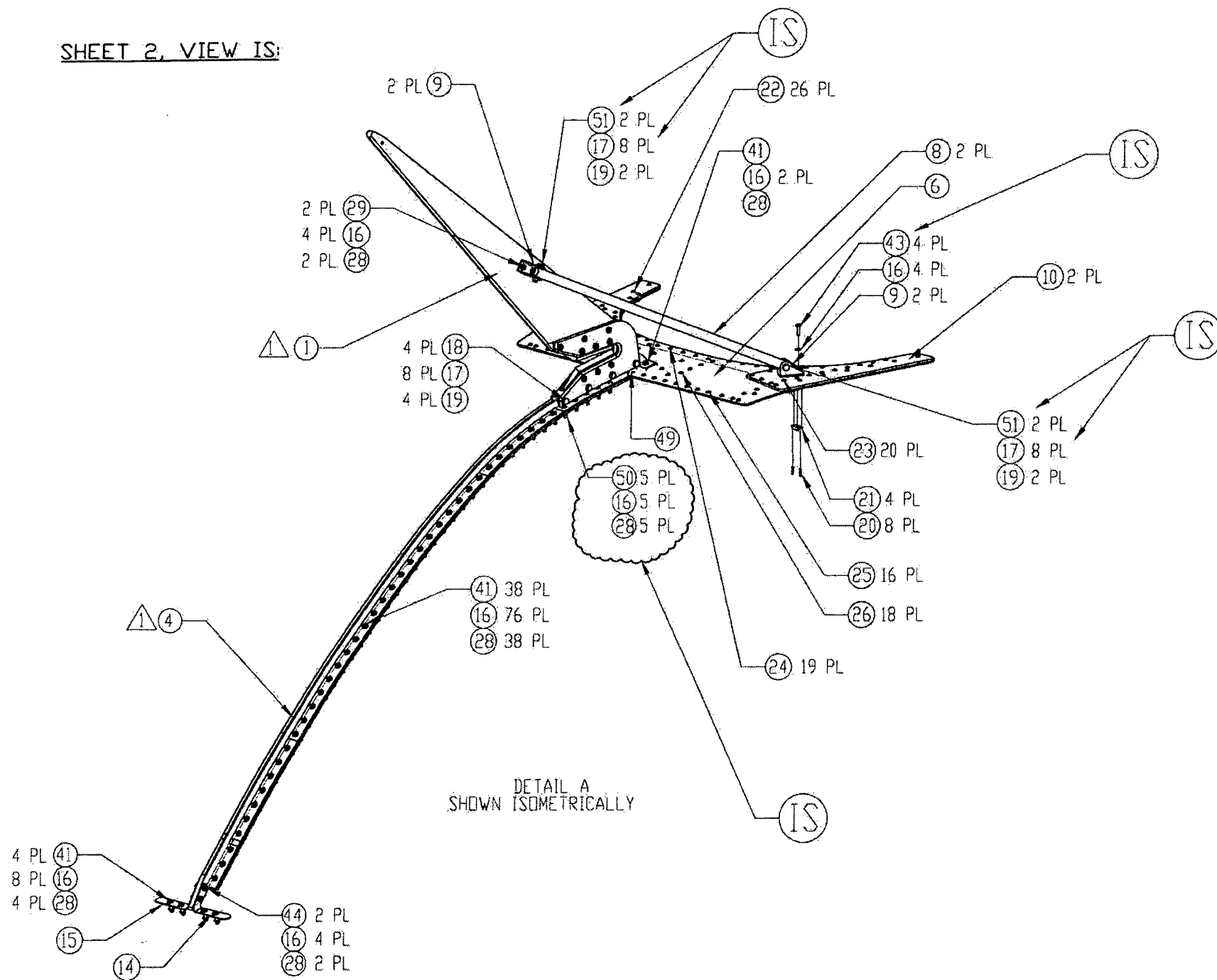
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02736				SHEET 1 OF 1	
	DWG NO. 646.9500	REV: N/C	PREPARED BY S. HUFF	DATE: 01/06/10	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: 206 CABLE CUTTERS KIT					
APPROVED BY: ENGR <i>[Signature]</i>		MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: CORRECTED PARTS LIST ERRORS				

17	R	601.1607	62	62	WASHER	NAS1149F0332P
16	R	601.2764	111	111	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED:						CHANGE CATEGORY ☐ MAJOR ☒ MINOR
☐ MDL ☒ INSTALL INSTRUC ☒ ICA ☐ FMS ☒ BOM						DER REVIEW REQUIRED ☐ YES ☒ NO

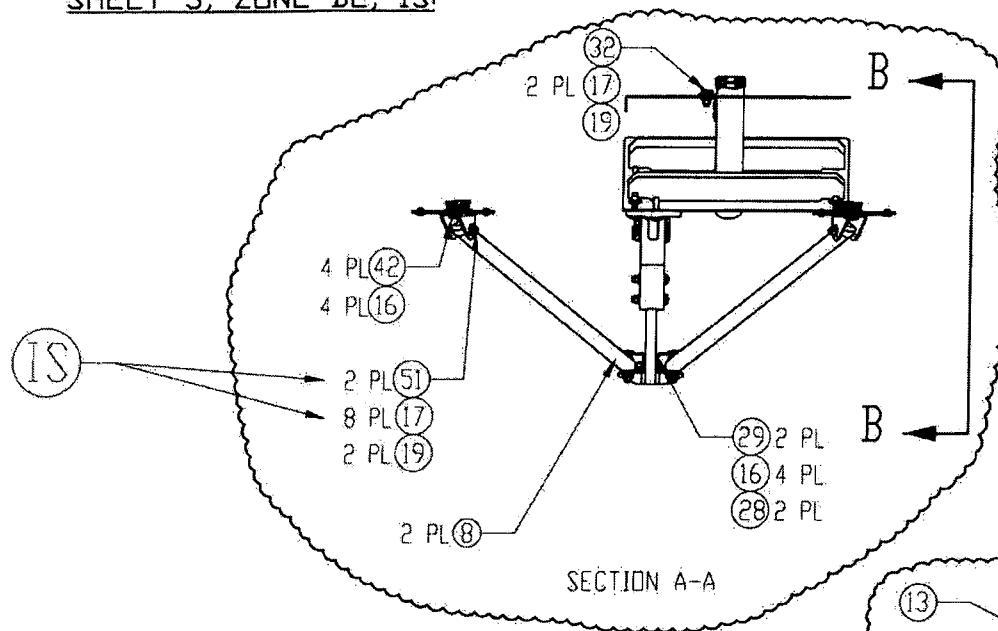
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02729				SHEET 1 OF 3	
	DWG NO. 646.9500	REV: N/C	PREPARED BY S. HUFF	DATE: 12/23/09	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: 206 CABLE CUTTERS KIT					
	APPROVED BY:	ENGR <i>[Signature]</i>	DRG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC) A-ADD C-CREATE R-REVISE D-DELETE	REASON: HARDWARE REVISIONS FROM FIRST INSTALL					

51	A	601.3155	8	8	BOLT	AN3-10A
50	A	601.3153	5	5	SCREW	MS24694S8
41	R	601.2893	43	43	SCREW	MS27039-0811
28	R	601.2973	54	54	LOCKNUT	MS21042-08
18	R	601.2826	8	8	BOLT	AN3-11A
16	R	601.2764	127	127	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED:						CHANGE CATEGORY ☐ MAJOR ☒ MINOR
☐ MDL ☒ INSTALL INSTRU ☒ ICA ☐ FMS ☒ BOM						DER REVIEW REQUIRED ☐ YES ☒ NO

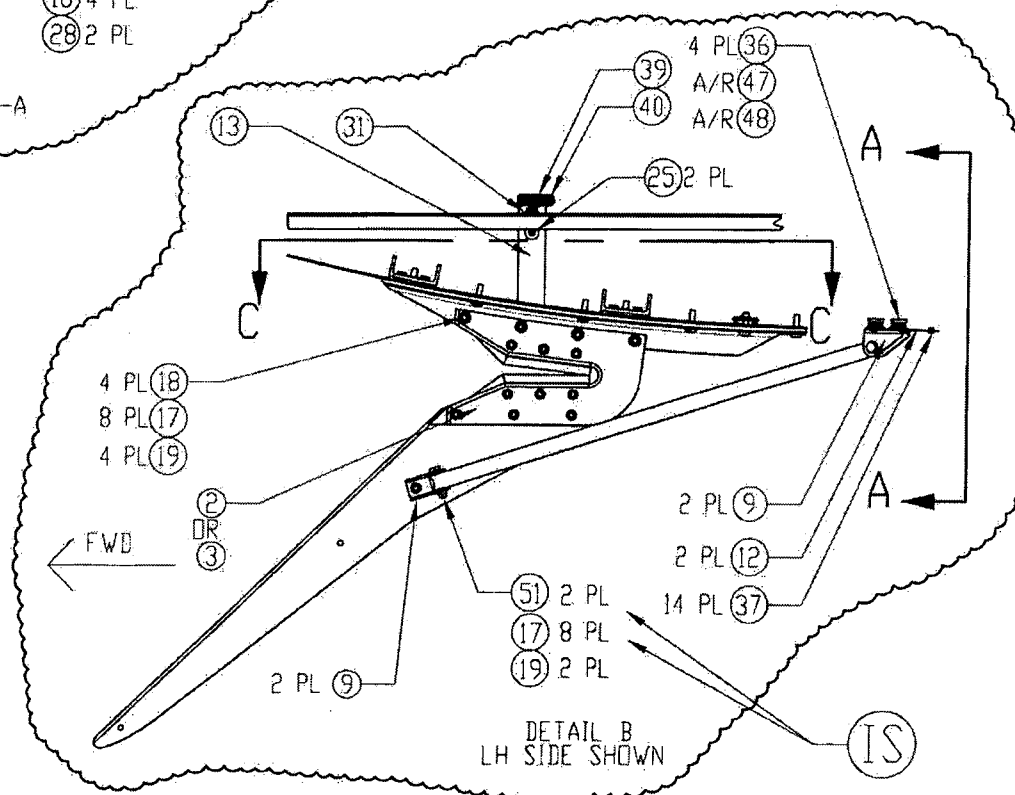
SHEET 2, VIEW IS:



SHEET 3, ZONE B2, IS:



SHEET 3, ZONE D2, IS:



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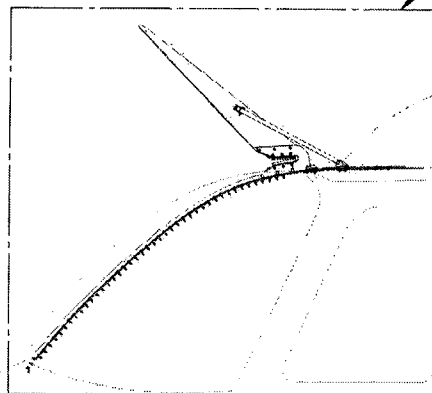
NOTES:

- 1 AFTER INSTALLATION, APPLY F/N 46 A/R TO FILL GAPS AND FILLET EDGES

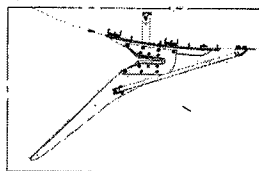
UNINCORPORATED ECN(S)

02729, 02736, 03047

DETAIL A



DETAIL B

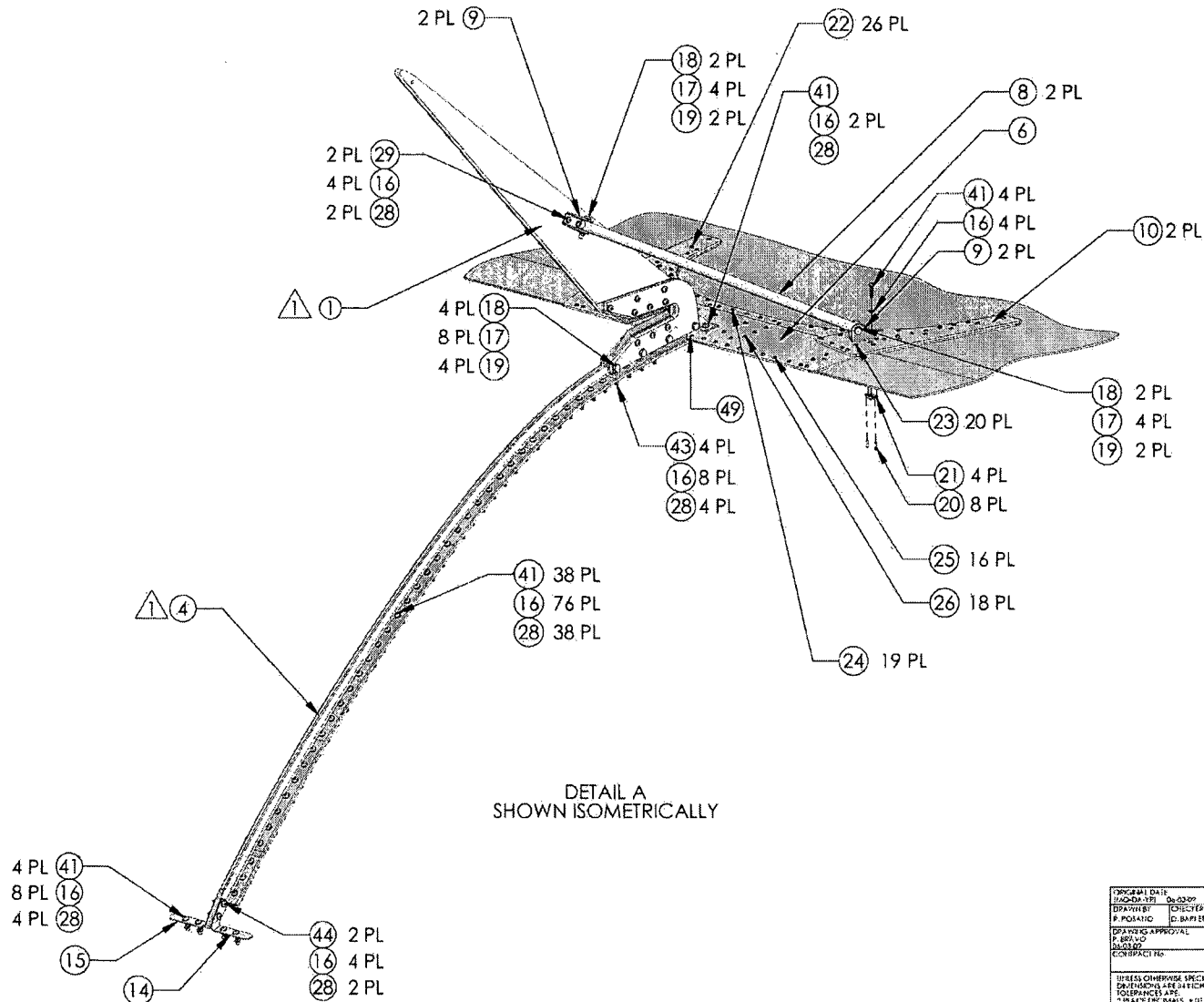


QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
1	1	49	601.1066 RIVET	CR3212-4-4	
1	1	48	600.0991 MAGNABOND ASSY PART B		
1	1	47	600.0990 MAGNABOND ASSY PART A		
1	1	46	600.1012 SEALANT	PP-1435 CLASS B	
5	5	45	601.1949 SCREW	MS27039-1-11	
2	2	44	601.2989 SCREW	MS27039-0812	
4	4	43	601.2987 SCREW	MS27039-0809	
4	4	42	601.3000 SCREW	MS27039-0806	

QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
47	47	41	601.2893 SCREW	MS27039-0811	
1	1	40	601.2982 HOSE CLAMP	MS35842-11	
1	1	39	647.1210 SCREEN		
5	5	38	601.1621 SCREW	MS27039-1-08	
14	14	37	601.2979 RIVET	CR3213-4-1	
4	4	36	601.2984 INSERT	MS1833-08	
4	4	35	601.2277 RIVET	CCP5415-062	
8	8	34	601.2983 RIVET	CR3212-5-4	
12	12	33	601.2980 NUTPLATE RIVET	CCP2455-3-01	
1	1	32	601.2822 BOLT	AN3-3A	
1	1	31	601.2985 BRACKET	AN743-13	
2	2	30	601.1900 NUTPLATE	MS21039-3	
6	6	29	601.2988 SCREW	MS27039-0913	
53	53	28	601.2973 LOCKNUT	MS21042-08	
6	6	27	600.0795 NUTPLATE	MS21047-3	
18	18	26	601.0790 RIVET	CR3213-4-3	
18	18	25	601.1039 RIVET	CR3213-4-2	
19	19	24	601.1915 RIVET	CR3213-4-4	
20	20	23	601.2991 RIVET	CR3213-3-6	
26	26	22	601.1183 RIVET	CR3213-4-5	
4	4	21	601.2356 NUTPLATE	MS21059108	
8	8	20	601.2981 NUTPLATE RIVET	CCP2455-3-06	
17	17	19	601.2943 LOCKNUT	MS21042-3	
16	16	18	601.2826 BOLT	AN3-11A	
46	46	17	601.1607 WASHER	MS1149633-9	
114	114	16	601.2764 WASHER	MS1149633-2P	
1	1	15	647.0115 CLIP		
1	1	14	647.0114 CLIP		
1	1	13	647.0410 TUBE		
2	2	12	647.0116 DOUBLER		
1	1	11	647.0111 PANEL		
2	2	10	647.0113 STRUT DOUBLER		
8	8	9	647.0112 STRUT BRACKET		
4	4	8	646.9910 STRUT		
2	2	7	647.0310 CHANNEL		
1	1	6	647.0110 ROOF DOUBLER		
1	1	5	647.0210 RAIL		
1	1	4	646.9810 DEFLECTOR		
1	1	3	646.9603 LOWER CUTTER ASSY LOW		
1	1	2	646.9602 LOWER CUTTER ASSY HIGH		
1	1	1	646.9601 UPPER CUTTER ASSY		
1	1	1	646.9502 206 CABLE CUTTERS KIT LOW		
1	1	1	646.9501 206 CABLE CUTTERS KIT HIGH		

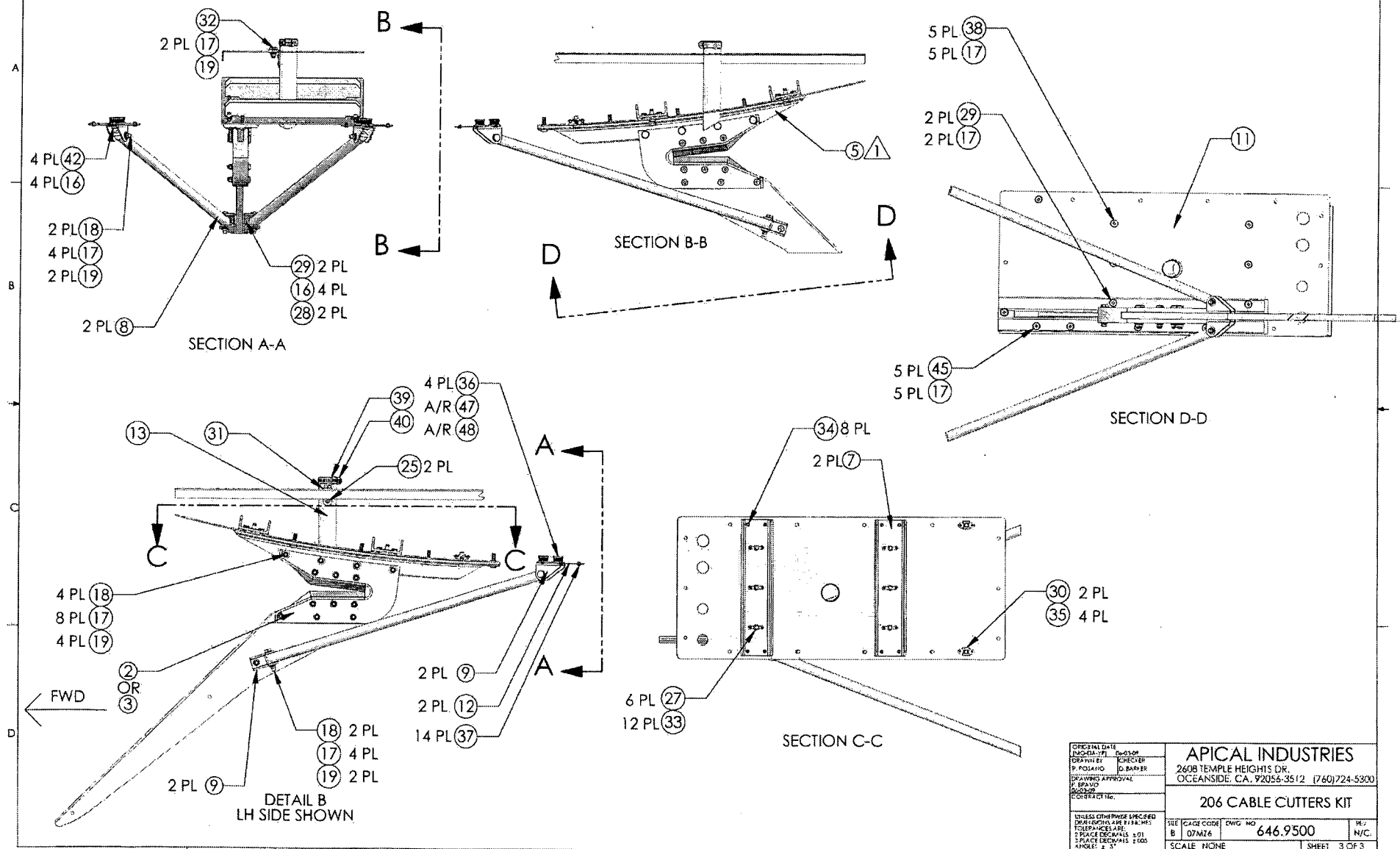
QTY	1502	4501	FIND #	4501	PART #	DESCRIPTION	MATL	SPEC.
APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3512 (760)724-5300 206 CABLE CUTTERS KIT SIZE 6 07M16 DWG NO. 646.9500 REV N/C SCALE NONE SHEET 1 OF 3								

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APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300	
206 CABLE CUTTERS KIT	
PROJECT DATA DRAWING NO. 06-0309 DATE 11/11/06 P. PROJECT D. BAYER	SEE CASH CODE 8 07M26
DRAWING APPROVAL P. 06/03/07 C. 06/03/07	DWG. NO. 646.9500
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS 1/16" 0.03125" 0.0005"	SCALE NONE
	SHEET 2 OF 3

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



ORIGINAL DATE 10-01-71 DRAWN BY P. KOSIARSKI CHECKED BY J. BARNER DRAWING APPROVAL P. KOSIARSKI CONTRACTING		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SHEET B SCALE NONE	DWG NO. 646.9500 SHEET 3 OF 3

Work Order ID 136595

Thursday, September 03, 2015 8:08:48 AM

136595

Page 1

Item ID: 646.9502 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: 206A / B / L Cable Cutter System, Low
 Start Date: 9/17/2015 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 9/24/2015 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: MLS Date: SEP 04 2015 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
646.9500	N/C								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP 646.9502								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

AS
27
9-89

AS
27
9-89

OCT 08 2015

MLS OCT 07 2015

REFERENCE ONLY

THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED AND IS NOT TO BE RELEASED TO THE PUBLIC WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES, INC.

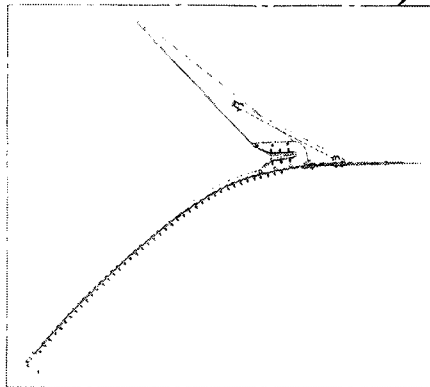
NOTES:

1 AFTER INSTALLATION, APPLY F/N 46 A/R TO FILL GAPS AND FILLET EDGES

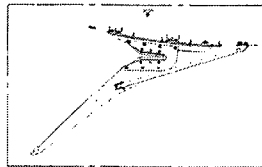
UNINCORPORATED ECN(S)

02729, 02736, 03047

DETAIL A



DETAIL B



QTY	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
1	1	49	601.1066 RIVET	CR3212-4-4	
1	1	48	600.0991 RATCHET/ROCKED ASSEMBLY		
1	1	47	600.0790 RATCHET/ROCKED ASSEMBLY		
1	1	46	600.1012 SEALANT	PP-1425 CLASS B	
5	5	45	601.1949 SCREW	MS27039-1-11	
2	2	44	601.2789 SCREW	MS27039-0912	
4	4	43	601.2987 SCREW	MS27039-0809	
4	4	42	601.3000 SCREW	MS27039-1006	

QTY	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
47	47	41	601.2893 SCREW	MS27039-0611	
1	1	40	601.2982 HOSE CLAMP	MS15842-11	
1	1	39	647.1210 SCREEN		
5	5	38	601.1621 SCREW	MS27039-1-11	
14	14	37	601.2973 RIVET	CR3213-4-1	
4	4	36	601.2904 INSERT	MS27039-0809	
4	4	35	601.2277 RIVET	CR3213-4-1	
8	8	34	601.2983 RIVET	CR3213-4-1	
12	12	33	601.2980 NUTPLATE RIVET	CR3213-4-1	
1	1	32	601.2922 BOLT	MS27039-0809	
1	1	31	601.2985 BRACKET	MS27039-0809	
2	2	30	601.1900 NUTPLATE	MS27039-0809	
6	6	29	601.2988 SCREW	MS27039-0809	
53	53	28	601.2973 LOCKNUT	MS27039-0809	
6	6	27	600.0795 NUTPLATE	MS27039-0809	
18	18	26	601.0799 RIVET	CR3213-4-1	
18	18	25	601.1039 RIVET	CR3213-4-1	
15	15	24	601.1915 RIVET	CR3213-4-1	
20	20	23	601.2791 RIVET	CR3213-4-1	
26	26	22	601.1183 RIVET	CR3213-4-1	
4	4	21	601.2356 NUTPLATE	MS27039-0809	
8	8	20	601.2961 NUTPLATE RIVET	CR3213-4-1	
17	17	19	601.2943 LOCKNUT	MS27039-0809	
16	16	18	601.2826 BOLT	MS27039-0809	
46	46	17	601.1607 WASHER	MS27039-0809	
114	114	16	601.2764 WASHER	MS27039-0809	
1	1	15	647.0115 CLIP		
1	1	14	647.0114 CLIP		
1	1	13	647.0410 TUBE		
2	2	12	647.0116 DOUBLER		
1	1	11	647.0111 PANEL		
2	2	10	647.0113 STRUT DOUBLER		
8	8	9	647.0112 STRUT BRACKET		
4	4	8	646.9910 STRUT		
2	2	7	647.0310 CHANNEL		
1	1	6	647.0110 ROOF DOUBLER		
1	1	5	647.0210 RAIL		
1	1	4	646.9810 DEFLECTOR		
1	1	3	646.9603 LOWER CUTTER ASSY LOW		
1	1	2	646.9602 LOWER CUTTER ASSY HIGH		
1	1	1	646.9601 UPPER CUTTER ASSY		
1	1	1	646.9502 206 CABLE CUTTERS FLOW		
1	1	1	646.9501 206 CABLE CUTTERS FLOW		
1	1	1	646.9500 206 CABLE CUTTERS FLOW		

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 7601724-5300

206 CABLE CUTTERS KIT

QTY 8 646.9500 1 SHEET 1 OF 3

REFERENCE ONLY

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02729				SHEET 1 OF 3	
	DWG NO. 646.9500	REV IN/C	PREPARED BY S. HUFF	DATE: 12/23/09	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: 206 CABLE CUTTERS KIT					
APPROVED BY:		ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: HARDWARE REVISIONS FROM FIRST INSTALL				

51	A	601.3155	8	8	BOLT	AN3-10A
50	A	601.3153	5	5	SCREW	MS24694S8
41	R	601.2893	43	43	SCREW	MS27039-0811
28	R	601.2973	54	54	LOCKNUT	MS21042-08
18	R	601.2826	8	8	BOLT	AN3-11A
16	R	601.2764	127	127	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED: ☐ MDL ☒ INSTALL INSTRUC ☒ ICA ☐ FMS ☒ BOM						CHANGE CATEGORY ☐ MAJOR ☒ MINOR
						DER REVIEW REQUIRED ☐ YES ☒ NO

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02736				SHEET 1 OF 1	
	DWG NO. 646.9500	REV: N/C	PREPARED BY S. HUFF	DATE: 01/06/10	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: 206 CABLE CUTTERS KIT					
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: CORRECTED PARTS LIST ERRORS					

REFERENCE ONLY

17	R	601.1607	62	62	WASHER	NAS1149F0332P
16	R	601.2764	111	111	WASHER	NAS1149FN832P
			9502	9501		
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED: ☐ MDL ☒ INSTALL INSTRU ☒ ICA ☐ FMS ☒ BOM						CHANGE CATEGORY ☐ MAJOR ☒ MINOR
						DER REVIEW REQUIRED ☐ YES ☒ NO